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FIG. 1

100

101

102

103

110

111

112

120

121

122

123

105

λ_L

λ_0

λ_S

$\lambda_L > \lambda_0$

$\lambda_S < \lambda_0$

$\lambda_S < \lambda_0 < \lambda_L$

$\theta = \sin^{-1} \left(\frac{\lambda}{\Lambda} \right)$

$n_1(V_1)$

$n_2(V_2)$

z

[illegible]

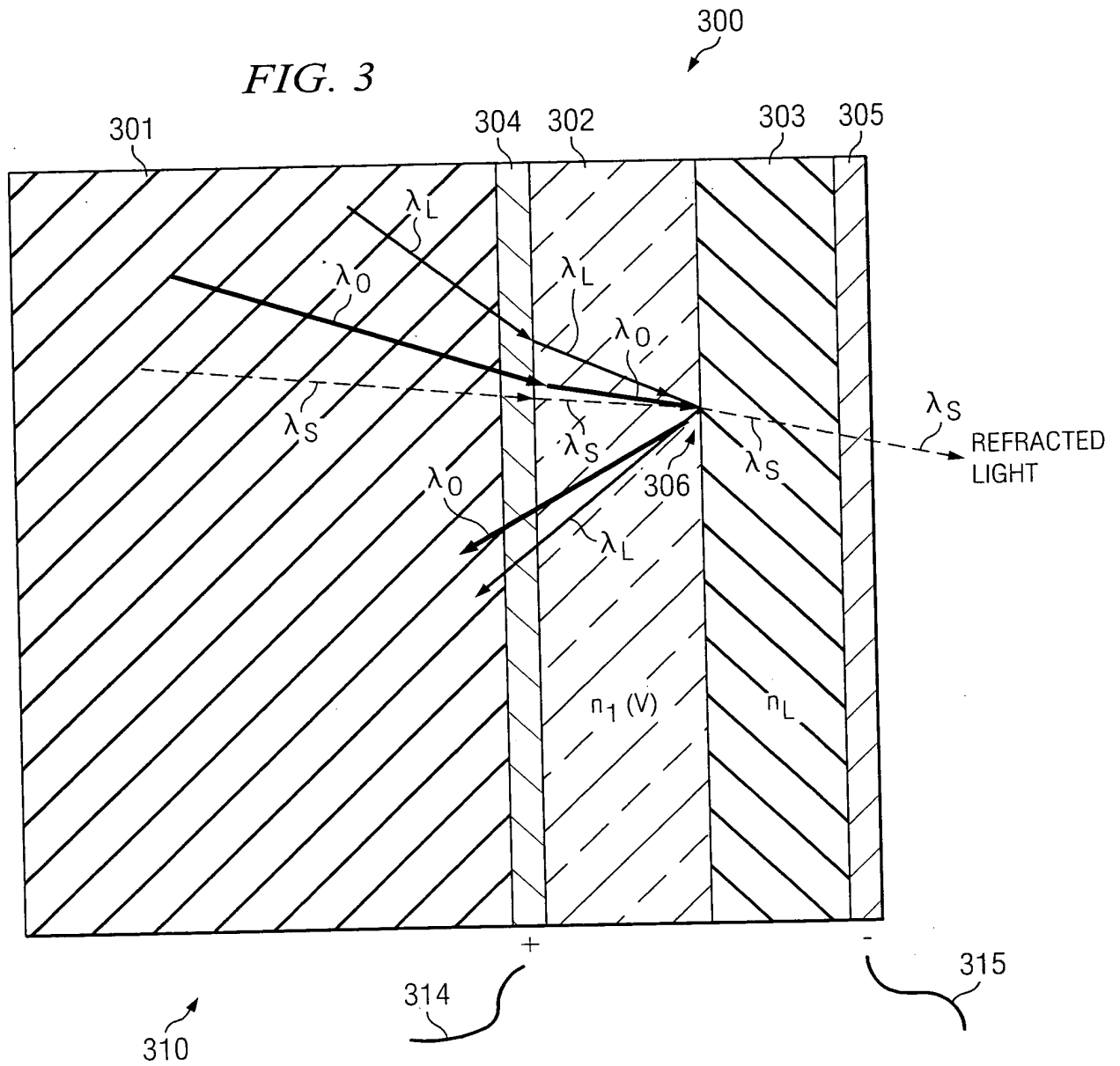


FIG. 4A

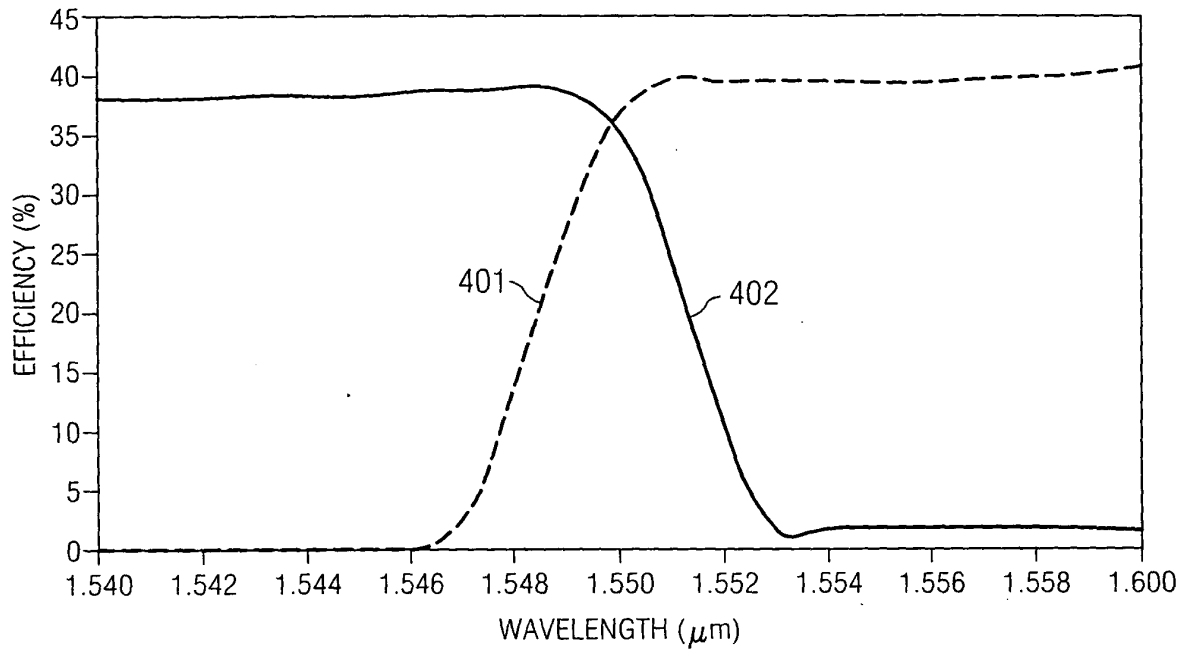
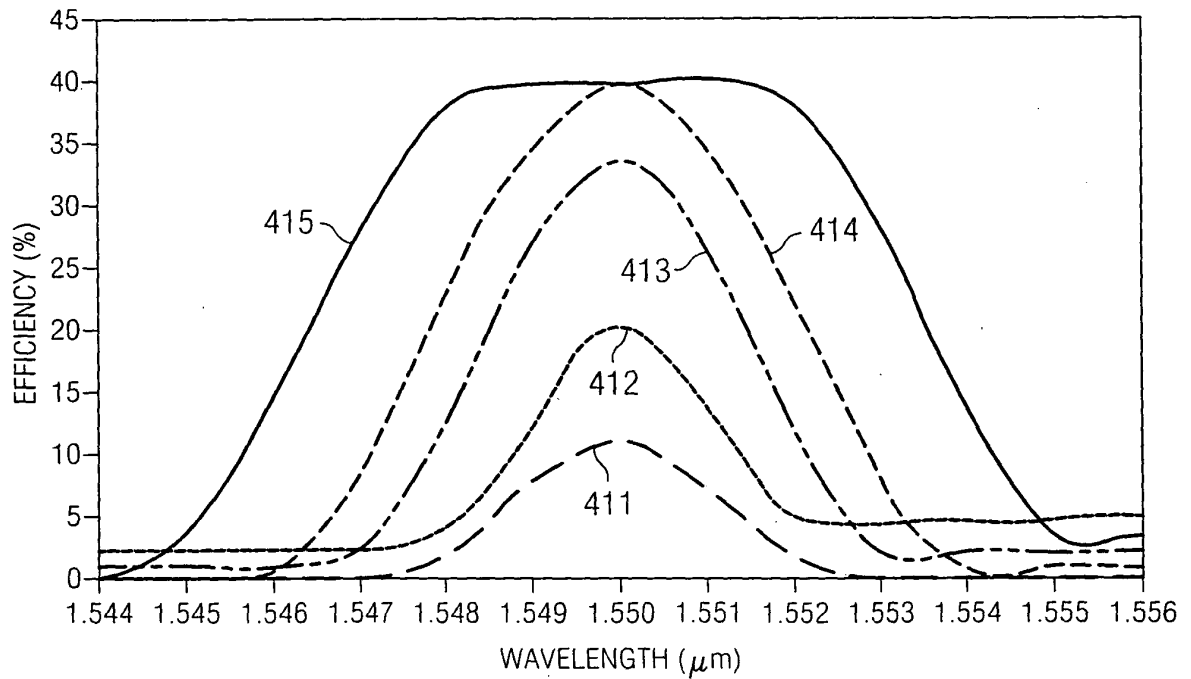


FIG. 4B



WAVELENGTH TUNING AN EXTERNAL CAVITY LASER
WITHOUT MECHANICAL MOTION

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